## ABSTRACT

A panel structure of a steel house built by constructing multi-story structural frameworks by forming wall panels by fastening face members to rectangular frames of light-gage channels of sheet steels, constructing walls of each story by disposing said wall panels along the four sides of a rectangle, and assembling said wall panels and a floor panel consisting of a wall plate mounted on floor joists, the panel structure characterized in that side ends of said floor panel are connected to the inner upper end of the wall panels of the lower story, and the end edges of the wall panels of the upper and lower stories on at least two opposite sides of said four sides are butt-joined.

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